

NORTH AMERICAN TECHNOLOGY AND INDUSTRIAL BASE ORGANIZATION NATIBO

July 2005



. . . A Forum for Cooperation



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Operation

Outline

- ◆ **NATIBO Background**
- ◆ **NATIBO Accomplishments**
- ◆ **NATIBO MOU**



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NATIBO Background

- ◆ **Joint Canadian DND - US DoD organization**
- ◆ **Promote a cost effective, healthy technology and industrial base responsive to the national and economic security needs of the US and Canada**
- ◆ **Based on 1985 “Shamrock Summit” pledge by President Reagan and Prime Minister Mulroney**
- ◆ **1987 NATIBO Charter with 1994, 1997 revisions**
- ◆ **2001 NATIBO MOU**



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NATIBO Accomplishments

- ◆ **1993 Metal Matrix Composites Study**
- ◆ **1994 Battery Industry Study**
- ◆ **1996 Collaborative Virtual Prototyping Study**
- ◆ **1996 Ion Beam Processing Study**
- ◆ **1998 Corrosion Detection Technologies Study**
- ◆ **1999 Rechargeable Battery Study**
- ◆ **2001 Biological Detection Systems Technology Study**
- ◆ **2001 Collaborative Opportunities in DMSMS**
- ◆ **2003 Small Gas Turbine Engines Study**
- ◆ **2004 First Responders Study**

- ◆ **1994 Metal Matrix Composites Insertion Project**
- ◆ **1997 Ion Beam Processing Insertion Project**
- ◆ **2000 Government Technology Infrastructure Website**



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NATIBO MOU

- ◆ **MOU signed 30 May 2001**
- ◆ **Covers NATIB Activities**
 - coordination of technology and industrial base activities
 - development, T&E of demonstrators/prototypes
 - integration of defense and commercial industrial sectors
 - technology insertion and industrial base data projects
- ◆ **Allow Information Exchange, Working Groups and Project Arrangements**
- ◆ **Formal Steering Committee to assist users**
- ◆ **MOU allows assignment of Cooperative Project Personnel and contracting on behalf of the other nation**



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NATIBO MOU Working Groups

- ◆ **Light Armored Vehicle Working Group**
 - PM BCT, PM LAV, DAVPM
- ◆ **Regenerative Fuel Cell Working Group**
 - DAVPM, TACOM, TARDEC, NAC, USMC, USN NSWC Crane
- ◆ **Gas Turbine Engine IBA Working Group***
 - AMCOM, NAVAIR, AFRL, DLA, DCMA, AEPM
- ◆ **First Responders Technology Working Group***
 - OTT, AFRL, AMSAA, DCMA, DGIIP

*TOR concluded, term expired



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NATIBO MOU Working Groups (Contd)

- ◆ **Soldier Systems Technology Working Group**
 - NSC, TRADOC, PEO Soldier, DRDC (DSTL), DRDC (TC), DRDC (DLR)
- ◆ **Future Fire Control Systems Working Group**
 - DAVPM 2-9, ARDEC
- ◆ **Med Support Vehicle System Working Group**
 - DRDC (DLR), DGIIP, PM MTV
- ◆ **Army Tactical Communication and Information System Modeling Working Group**
 - CIO/G6, DISA, J6, DRDC (DLR)
- ◆ **US/CA Homeland Defense Working Group**
 - OTT, DGIIP, AFRL, HD



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Summary

- ◆ **NATIBO Background**
- ◆ **NATIBO Accomplishments**
- ◆ **NATIBO MOU**